Mo Li

List of Publications by Year
in descending order

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63 papers	5,588 citations	201385 27 h-index	114278 63 g-index
72 all docs	72 docs citations	72 times ranked	9387 citing authors

#	Article	IF	Citations
1	In situ monitoring reveals cellular environmental instabilities in human pluripotent stem cell culture. Communications Biology, 2022, 5, 119.	2.0	13
2	Toward Best Practices for Controlling Mammalian Cell Culture Environments. Frontiers in Cell and Developmental Biology, 2022, 10, 788808.	1.8	8
3	Wiskott-Aldrich syndrome protein forms nuclear condensates and regulates alternative splicing. Nature Communications, 2022, 13, .	5.8	6
4	A Robust, Safe, and Scalable Magnetic Nanoparticle Workflow for RNA Extraction of Pathogens from Clinical and Wastewater Samples. Global Challenges, 2021, 5, 2000068.	1.8	10
5	Quick and Easy Assembly of a One-Step qRT-PCR Kit for COVID-19 Diagnostics Using In-House Enzymes. ACS Omega, 2021, 6, 7374-7386.	1.6	5
6	Structure of the full-length human Pannexin1 channel and insights into its role in pyroptosis. Cell Discovery, 2021, 7, 30.	3.1	14
7	Simultaneous detection and mutation surveillance of SARS-CoV-2 and multiple respiratory viruses by rapid field-deployable sequencing. Med, 2021, 2, 689-700.e4.	2.2	16
8	Genome Editing Technologies as Cellular Defense Against Viral Pathogens. Frontiers in Cell and Developmental Biology, 2021, 9, 716344.	1.8	5
9	Insulator foci distance correlates with cellular and nuclear morphology in early Drosophila embryos. Developmental Biology, 2021, 476, 189-199.	0.9	2
10	A prevalent neglect of environmental control in mammalian cell culture calls for best practices. Nature Biomedical Engineering, 2021, 5, 787-792.	11.6	24
11	Generation of human blastocyst-like structures from pluripotent stem cells. Cell Discovery, 2021, 7, 81.	3.1	73
12	DeepSimulator1.5: a more powerful, quicker and lighter simulator for Nanopore sequencing. Bioinformatics, 2020, 36, 2578-2580.	1.8	33
13	Long-read individual-molecule sequencing reveals CRISPR-induced genetic heterogeneity in human ESCs. Genome Biology, 2020, 21, 213.	3.8	20
14	Using Eukaryotic Expression Systems to Generate Human Î±1,3-Fucosyltransferases That Effectively Create Selectin-Binding Glycans on Stem Cells. Biochemistry, 2020, 59, 3757-3771.	1.2	4
15	KAIMRCâ€™S Second Therapeutics Discovery Conference. Proceedings (mdpi), 2020, 43, 6.	0.2	0
16	A Cell Density-Dependent Reporter in the Drosophila S2 Cells. Scientific Reports, 2019, 9, 11868.	1.6	1
17	Organoids â€" Preclinical Models of Human Disease. New England Journal of Medicine, 2019, 380, 569-579.	13.9	212
18	Hematopoietic Differentiation of Human Pluripotent Stem Cells: HOX and GATA Transcription Factors as Master Regulators. Current Genomics, 2019, 20, 438-452.	0.7	14

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19	DeepSimulator: a deep simulator for Nanopore sequencing. Bioinformatics, 2018, 34, 2899-2908.	1.8	65
20	Endosomal Escape and Delivery of CRISPR/Cas9 Genome Editing Machinery Enabled by Nanoscale Zeolitic Imidazolate Framework. Journal of the American Chemical Society, 2018, 140, 143-146.	6.6	380
21	Deconstructing the pluripotency gene regulatory network. Nature Cell Biology, 2018, 20, 382-392.	4.6	79
22	Selective interactions between diverse STEs organize the ANT-C Hox cluster. Scientific Reports, 2018, 8, 15158.	1.6	5
23	Integration of CpG-free DNA induces de novo methylation of CpG islands in pluripotent stem cells. Science, 2017, 356, 503-508.	6.0	68
24	Ground rules of the pluripotency gene regulatory network. Nature Reviews Genetics, 2017, 18, 180-191.	7.7	131
25	InÂVivo Amelioration of Age-Associated Hallmarks by Partial Reprogramming. Cell, 2016, 167, 1719-1733.e12.	13.5	609
26	Looking to the future following 10 years of induced pluripotent stem cell technologies. Nature Protocols, 2016, 11, 1579-1585.	5.5	31
27	3D Culture Supports Long-Term Expansion of Mouse and Human Nephrogenic Progenitors. Cell Stem Cell, 2016, 19, 516-529.	5.2	153
28	In vivo genome editing via CRISPR/Cas9 mediated homology-independent targeted integration. Nature, 2016, 540, 144-149.	13.7	906
29	Mending a Faltering Heart. Circulation Research, 2016, 118, 344-351.	2.0	21
30	Chromatin boundary elements organize genomic architecture and developmental gene regulation in DrosophilaHoxclusters. World Journal of Biological Chemistry, 2016, 7, 223.	1.7	7
31	Stem cell, CRISPR and HIV. Cell Cycle, 2015, 14, 1991-1992.	1.3	3
32	Roles for noncoding RNAs in cell-fate determination and regeneration. Nature Structural and Molecular Biology, 2015, 22, 2-4.	3.6	24
33	Use of the CRISPR/Cas9 system as an intracellular defense against HIV-1 infection in human cells. Nature Communications, 2015, 6, 6413.	5.8	287
34	A Werner syndrome stem cell model unveils heterochromatin alterations as a driver of human aging. Science, 2015, 348, 1160-1163.	6.0	429
35	An alternative pluripotent state confers interspecies chimaeric competency. Nature, 2015, 521, 316-321.	13.7	215
36	An Organizational Hub of Developmentally Regulated Chromatin Loops in the Drosophila Antennapedia Complex. Molecular and Cellular Biology, 2015, 35, 4018-4029.	1.1	13

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37	A chemical approach to â€œrewireâ€•neural progenitor cells. Cell Research, 2014, 24, 641-642.	5.7	2
38	Genetic rejuvenation of old muscle. Nature, 2014, 506, 304-305.	13.7	14
39	Global DNA methylation and transcriptional analyses of human ESC-derived cardiomyocytes. Protein and Cell, 2014, 5, 59-68.	4.8	26
40	Targeted Gene Correction Minimally Impacts Whole-Genome Mutational Load in Human-Disease-Specific Induced Pluripotent Stem Cell Clones. Cell Stem Cell, 2014, 15, 31-36.	5.2	154
41	Modelling Fanconi anemia pathogenesis and therapeutics using integration-free patient-derived iPSCs. Nature Communications, 2014, 5, 4330.	5.8	102
42	A Cut above the Rest: Targeted Genome Editing Technologies in Human Pluripotent Stem Cells. Journal of Biological Chemistry, 2014, 289, 4594-4599.	1.6	111
43	Conversion of human fibroblasts to angioblast-like progenitor cells. Nature Methods, 2013, 10, 77-83.	9.0	140
44	Niche-less maintenance of HSCs by 2i. Cell Research, 2013, 23, 458-459.	5.7	4
45	In vitro generation of platelets through direct conversion: first report in My Knowledge (iMK). Cell Research, 2013, 23, 176-178.	5.7	9
46	Autophagic control of cell â€˜stemnessâ€™. EMBO Molecular Medicine, 2013, 5, 327-331.	3.3	136
47	Global DNA methylation and transcriptional analyses of human ESC-derived cardiomyocytes. Protein and Cell, 2013, 5, 59.	4.8	3
48	Post-translational modulation of pluripotency. Journal of Molecular Cell Biology, 2012, 4, 262-265.	1.5	46
49	Gating neural development and aging via nuclear pores. Cell Research, 2012, 22, 1212-1214.	5.7	4
50	Establishment of hepatic and neural differentiation platforms of Wilsonâ€™s disease specific induced pluripotent stem cells. Protein and Cell, 2012, 3, 855-863.	4.8	36
51	Progressive degeneration of human neural stem cells caused by pathogenic LRRK2. Nature, 2012, 491, 603-607.	13.7	312
52	Reprogramming based gene therapy for inherited red blood cell disorders. Cell Research, 2012, 22, 941-944.	5.7	8
53	Navigating the epigenetic landscape of pluripotent stem cells. Nature Reviews Molecular Cell Biology, 2012, 13, 524-535.	16.1	107
54	Cord blood-derived neuronal cells by ectopic expression of Sox2 and c-Myc. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12556-12561.	3.3	64

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55	No factor left behind: generation of transgene-free induced pluripotent stem cells. American Journal of Stem Cells, 2012, 1, 75-80.	0.4	9
56	Cell fate conversion by mRNA. Stem Cell Research and Therapy, 2011, 2, 5.	2.4	21
57	Targeted Gene Correction of Laminopathy-Associated LMNA Mutations in Patient-Specific iPSCs. Cell Stem Cell, 2011, 8, 688-694.	5.2	214
58	Efficient correction of hemoglobinopathy-causing mutations by homologous recombination in integration-free patient iPSCs. Cell Research, 2011, 21, 1740-1744.	5.7	60
59	A G-Protein-Coupled Neuropeptide Y-Like Receptor Suppresses Behavioral and Sensory Response to Multiple Stressful Stimuli in Drosophila. Journal of Neuroscience, 2010, 30, 2504-2512.	1.7	51
60	Modulation of Chromatin Boundary Activities by Nucleosome-Remodeling Activities in Drosophila melanogaster. Molecular and Cellular Biology, 2010, 30, 1067-1076.	1.1	25
61	Analysis of chromatin boundary activity in Drosophila cells. BMC Molecular Biology, 2008, 9, 109.	3.0	9
62	Nuclear location of a chromatin insulator in Drosophila melanogaster. Journal of Cell Science, 2004, 117, 1025-1032.	1.2	23
63	Regulation of Somatic Stem Cell Function by DNA Methylation and Genomic Imprinting. Cell & Tissue Transplantation & Therapy, 0, , 19.	0.0	1